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Technology Center 2600

PTO/SB/21 (08-00)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application

09/909,900

Filing Date

July 23, 2001

First Named

GATTI, Claudio et al.

Group Art Unit

2621

Examiner Name

Not Yet Assigned

Total Number of Pages in This Submission

15

Attorney Docket Number

00249-0099

ENCLOSURES (check all that apply)

Fee Transmittal Form



Fee Attached



Amendment / Response



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Response to Missing Parts/
Incomplete ApplicationResponse to Missing Parts
under 37 CFR 1.52 or 1.53Assignment Papers
(for an Application)

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert a
Provisional ApplicationPower of Attorney, Revocation
Change of Correspondence

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

After Allowance Communication
to GroupAppeal Communication to Board
of Appeals and InterferencesAppeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please
identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

ORANGE & CHARI CUSTOMER NO. 27155

Signature

Date

January 4, 2002

CERTIFICATE OF MAILING

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GAU 2621 #

AMENDMENT TRANSMITTAL LETTER (Large Entity)

Applicant(s): **GATTI, Claudio et al.**

Docket No.

00249-0099

Serial No.

09/909,900

Filing Date

July 23, 2001

Examiner

Not Yet Assigned

Group Art Unit

2621

Invention:

Interactive Sculpting for Volumetric Exploration and Feature Extraction

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Technology Center 2600

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	32 -	20 =	12 x	\$18.00	\$216.00
INDEP. CLAIMS	3 -	3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$216.00

- ☐ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. _____ in the amount of _____
A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of ~~\$261.00~~ ^{\$216.00} to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Dated: **January 4, 2002**

Signature

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CUSTOMER NUMBER: 000027155

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

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In patent application of:

GATTI, Claudio et al.

Serial No.: 09/909,900

Group Art Unit: 2621

Filed: July 23, 2001

Examiner: Not Yet Assigned

Title: INTERACTIVE SCULPTING FOR VOLUMETRIC EXPLORATION AND
FEATURE EXTRACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

VOLUNTARY AMENDMENT

Dear Sir:

In the Claims

Please amend originally filed independent claim 1 as given below and cancel claims 2
and 3.

1. (amended) A system of extracting a visual feature from a volumetric dataset using an
approximate volume, the system comprising:

- A1
- a) a display for displaying said volumetric dataset;
 - b) an input device for defining a selected number of regions distributed in the
displayed volumetric dataset, each of the regions containing a cross section of
said visual feature therein;
 - c) an interpolator for generating the approximate volume containing the
selected regions, the approximate volume comprising a set of voxels selected
from said volumetric dataset;